



CURRICULUM VITA

ANDREW QUANBECK, PH.D.

PERSONAL DATA

Health Innovation Program
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EDUCATION

- 2012 University of Wisconsin–Madison, PhD, Industrial and Systems Engineering
Specialty: Health systems engineering/health economic analysis
Dissertation: Cost variation in addiction treatment: An examination of process
- 2001 University of Wisconsin–Madison, BS, Industrial and Systems Engineering

CURRENT POSITIONS AND APPOINTMENTS

- 2018– Faculty Affiliate, Department of Population Health Sciences
- 2017– Assistant Professor (tenure track), Department of Family Medicine and
Community Health, University of Wisconsin School of Medicine and Public
Health, Madison, WI
- 2017– D&I Research Faculty, Institute for Clinical and Translational Research
- 2014– Honorary Faculty Associate, Department of Industrial and Systems Engineering,
College of Engineering, University of Wisconsin, Madison, WI
- 2012– Research Scientist, Center for Health Enhancement Systems Studies, University
of Wisconsin, Madison, WI

PAST POSITIONS AND APPOINTMENTS

- 2007–2012 Scientific Manager (80%), Center for Health Enhancement Systems Studies,
University of Wisconsin, Madison, WI
- 2005–2006 Research Assistant, Center for Health Enhancement Systems Studies, University
of Wisconsin, Madison, WI
- 2001–2005 Senior Application Engineer, York International Corporation, Denver, CO
- 1999–2001 Quality Improvement Engineer, Harley-Davidson Motor Company, Milwaukee, WI

HONORS AND AWARDS

- 2018 Nominated by the UW Institute for Clinical and Translational Research to
represent the Institute at the Un-Meeting: Addressing the opioid crisis through
translational science, June 2, University of Rochester Medical Center, Rochester,
NY. This meeting was organized by the Center for Leading Innovation and
Collaboration, which is the coordinating center for the CTSA program.
- 2017 Named among top five new investigators at the 2017 Society for Implementation
Research Collaboration annual meeting, Seattle, WA
- 2017 Selected for the AcademyHealth “Best of the Annual Research Meeting” session,
awarded to the top seven rated abstracts of more than 2000 submitted, New
Orleans, LA

- 2015 Selected participant in the Training Institute for Dissemination and Implementation Research in Health sponsored by NIH and NIC, Pasadena, CA
- 2014 Selected participant at the National Academy of Engineering's Frontiers of Engineering Symposium, Anaheim, CA
- 2010 Bollinger Award nominee, University of Wisconsin Madison, WI

PROFESSIONAL SOCIETY MEMBERSHIPS

- 2011– American Public Health Association
- 2010– Academy of Management
- 2010– AcademyHealth
- 2010– Addiction Health Services and Research

GRANT SUPPORT

Active Grants

1R01DA047279-01 **NIH/NIDA** **2018-2023**
Promoting the implementation of clinical guidelines for opioid prescribing in primary care using systems consultation
 Amount of award: \$ 3,527,274. My role: PI. Effort: 20%.
 The goal of this study is to determine how to implement safer opioid prescribing practices as efficiently and effectively as possible.

1R01AA024150-01A1 **NIH/NIAAA** **2018-2023**
Integrating mHealth for alcohol use disorders into clinical practice
 Amount of award: \$ 3,252,295. My role: PI. Effort: 20%.
 This project aims to study whether mobile health systems can help primary care patients recover from alcohol use disorders.

1K01DA039336 **NIH/NIDA** **2015-2020**
Conceptualizing the problem of implementation: A systems engineering perspective applied in substance abuse treatment
 Amount of award: \$733,630. My role: PI. Effort: 50%.
 The NIH gives such awards as this one to launch an independent research careers in implementation science. The research plan I have undertaken addresses the problem that very few new evidence-based practices reach patients. The plan seeks to develop new approaches to assess whether an organization is likely to adopt a new proven practice using multi-attribute utility theory. This new approach may ultimately improve the quality of healthcare by boosting its adoption of proven best practices.

R13DA044722 **NIH/NIDA** **2017-2022**
Patients, populations, and processes: Multidisciplinary approaches to addiction health services improvement.
 Amount of award: \$15,000. My role: Multiple PI. Effort: In kind.
 Through this conference planning grant, I coordinate the planning and hosting of the Addiction Health Services Research annual conference.

WPP3152 **Wisconsin Partnership Program** **2016-2019**
Screening in trauma for opioid misuse potential
 Amount of award: \$499,293. PI: R. Brown. My role: Co-investigator. Effort: In kind

This project seeks to develop protocols to detect opioid risk early in the course of pain management and, ultimately, to intervene to prevent opioid misuse, addiction, and related complications. I serve as an implementation advisor.

PRIV-20170719 **UWHealth Innovation Program** **2017-2019**

Shared decision-making training for breast and lung cancer screening

Amount of award: \$133,104. PI: S. Schragger. My role: Co-investigator Effort: In kind

This project aims to implement a shared decision-making tool for breast and lung cancer screening in primary care settings. I serve as an implementation advisor.

1UL1TR002373-01 **NIH/NCATS** **2017-2022**

Clinical and translational science award

Amount of award: \$30,926,771. PI: M. Drezner. My role: Faculty consultant Effort: 10%

This Clinical and Translational Science Award-funded initiative provides expert consultation on dissemination and implementation research model and frameworks to researchers from across the University of Wisconsin – Madison’s research enterprise. I am an implementation consultant in this project.

Pending Grants

N/A

Completed Grants

WPP3086 PILOT **Wisconsin Partnership Program** **2016-2018**

Patient engagement in care redesign: Identifying effective strategies for measuring and scaling the intervention

Amount of award: \$150,000. PI: N. Pandhi. My role: Co-investigator. Effort: 3%

This project aimed to identify program modifications needed to spread a successful patient engagement training program, including toolkits, across Wisconsin and beyond.

R34-DA-036720-01 **NIH/NIDA** **2014-2017**

Physician coaching to reduce opioid-related harms

Amount of award: \$3,799,247. My role: Multiple PI. Effort: 19%.

This project pilot tested a strategy for improving the safety of opioid prescribing for chronic pain patients in primary care. The strategy, ultimately called systems consultation, was modified during the pilot test and proved successful. The long-range goal is this work to develop an approach for moving evidence-based practices into wide use in healthcare generally.

5R01DA034279-02 **NIH/NIDA** **2012-2017**

Implementing technology-assisted drug treatment and relapse prevention in FQHCs

Amount of award: \$3,658,101. PIs: D. Gustafson, L Marsch. My role: co-I. Effort: In kind.

Mobile technology offers the promise of delivering care less expensively, more reliably, and in a way that is more responsive to individual patients than the current system. This project tested the implementation of a proven smartphone application to treat substance use disorders among patients in three federally supported primary care clinics. Although patients used and benefited from the technology, clinician uptake of the system was minimal. I was responsible for implementation coaching and the economic analysis.

5R01DA030431-03 **NIH/NIDA** **2012-2017**

Testing a payer/treatment agency intervention to increase the use of buprenorphine

Amount of award: \$1,906,625. PI: T. Molfenter. My role: Researcher. Effort: 19%.
 This study assessed the effects of payer and organizational system changes versus organizational changes alone in delivering buprenorphine (an evidence-based practice) to treat opioid addiction. The study showed a positive effect of payer involvement vs. organizational changes alone. My role was to serve as an implementation advisor.

5P50HS019917-04**NIH/AHRQ****2011-2017**

Bringing communities and technology together for healthy aging

Amount of award: \$9,502,788. PI: D. Gustafson. My role: Researcher. Effort: In kind.
 The Active Aging Resource Center funded by this award developed, tested, and disseminated a low-cost, integrated information and communication technology-based system to address key reasons older adults leave their homes, while also creating an environment that fostered new community-based pilot projects. I was responsible for conducting the cost-effectiveness analysis.

5R01DA020832**NIH/NIDA****2006-2011**

Evaluating improvement strategies in addiction treatment

Amount of award: \$7,584,181. PI: D. Gustafson. My role: Scientific manager. Effort: 80%.
 This study sought to improve the quality of addiction treatment services by assessing different methods of quality improvement. Called NIATx 200, the study was at the time the largest randomized trial of organizational change conducted in the US addiction treatment system and among the largest trials of its kind ever conducted in healthcare. I managed the day-to-day conduct of the study. In addition, I was responsible for conducting the study's cost-effectiveness analysis, implementing the protocol, managing the evaluation, and writing manuscripts for publication in peer-reviewed journals.

PUBLICATIONSPeer-Reviewed

1. Pandhi N, Jacobson N, Crowder M, **Quanbeck A**, Hass M, Davis S. Engaging patients in primary care quality improvement initiatives: facilitators and barriers. *Am J Med Qual*. 2019. Epub ahead of print: 18 April 2019. doi: 10.1177/1062860619842938.
2. Molfenter T, Fitzgerald M, Jacobson N, McCarty D, **Quanbeck A**, Zehner M. Barriers to buprenorphine expansion in Ohio: a time-elapsed qualitative study. *J Psychoactive Drugs*. 2019. Epub ahead of print: 7 February 2019. doi: 10.1080/02791072.2019.1566583.
3. Jacobson N, Johnson R, Deyo B, Alagoz E, **Quanbeck A**. Systems consultation for opioid prescribing in primary care: a qualitative study of adaptation. *BMJ Quality and Safety*. 2019;28:397-404.
4. Madden LM, Farnum SO, Eggert KF, **Quanbeck AR**, Freeman RM, Ball SA, Schottenfeld RS, Shi JM, Savage ME, Barry DT. An investigation of an open-access model for scaling up methadone maintenance treatment. *Addiction*. 2018. PMID: 29453891.
5. **Quanbeck A**, Gustafson DH, Marsch LA, Chih M-Y, Kornfield R, McTavish F, Johnson R, Brown RT, Mares M-L, Shah DV. Implementing a mobile health system to integrate the

- treatment of addiction into primary care: a hybrid implementation-effectiveness study. *Journal of Medical Internet Research*. 2018;20(1):e37. PMID: PMC5811649
6. McKay JR, Gustafson DH, Ivey M, McTavish F, Pe-Romashko K, Curtis B, Oslin DA, Polsky D, **Quanbeck A**, Lynch KG. Effects of automated smartphone mobile recovery support and telephone continuing care in the treatment of alcohol use disorder: study protocol for a randomized controlled trial. *Trials*. 2018;19(82). PMID: PMC5791199.
 7. **Quanbeck A**, Brown RT, Zgierska AE, Jacobson N, Robinson JM, Johnson RA, Deyo BM, Madden L, Tuan W-J, Alagoz E. A randomized matched-pairs study of the feasibility, acceptability, and effectiveness of systems consultation: a novel implementation strategy for adopting clinical guidelines for opioid prescribing in primary care. *Implementation Science*. 2018;13(1):21. PMID: PMC5784593.
 8. Alagoz E, Chih MY, Hitchcock M, Brown R, **Quanbeck A**. The use of external change agents to promote quality improvement and organizational change in healthcare organizations: a systematic review. *BMC Health Services Research*. 2018;18(1):42. PMID: PMC5785888.
 9. Brown R, Deyo B, Riley C, **Quanbeck A**, Glass JE, Turpin R, Hetzel S, Nicholas C, Cruz M, Agarwal S. Screening in trauma for opioid misuse prevention (STOMP): study protocol for the development of an opioid risk screening tool for victims of injury. *Addiction Science and Clinical Practice*. 2017;12(1):28. PMID: PMC5713647.
 10. Molfenter T, Sherbeck C, Starr S, Kim J-S, Zehner M, **Quanbeck A**, Jacobson N, McCarty D. Payer policy behavior towards opioid pharmacotherapy treatment in Ohio. *Journal of Addiction Medicine*. 2018;12(2):85.
 11. Gustafson DH, DuBenske LL, Atwood AK, Chih M-Y, Johnson RA, McTavish F, **Quanbeck A**, Brown RL, Cleary JF, Shah D. Reducing symptom distress in patients with advanced cancer using an e-alert system for caregivers: pooled analysis of two randomized clinical trials. *Journal of Medical Internet Research*. 2017;19(11):e354. PMID: PMC5705856.
 12. Glass JE, McKay JR, Gustafson DH, Kornfield R, Rathouz PJ, McTavish FM, Atwood AK, Isham A, **Quanbeck A**, Shah D. Treatment seeking as a mechanism of change in a randomized controlled trial of a mobile health intervention to support recovery from alcohol use disorders. *Journal of Substance Abuse Treatment*. 2017;77:57-66. PMID: PMC5880274.
 13. Gustafson DH, Sr., Landucci G, McTavish F, Kornfield R, Johnson RA, Mares ML, Westergaard RP, **Quanbeck A**, Alagoz E, Pe-Romashko K, Thomas C, Shah D. The effect of bundling medication-assisted treatment for opioid addiction with mHealth: study protocol for a randomized clinical trial. *Trials*. 2016;17(1):592. PMID: PMC5153683.
 14. Mares ML, Gustafson DH, Glass JE, **Quanbeck A**, McDowell H, McTavish F, Atwood AK, Marsch LA, Thomas C, Shah D et al. Implementing an mHealth system for substance use disorders in primary care: a mixed methods study of clinicians' initial expectations and first year experiences. *BMC Medical Informatics and Decision Making*. 2016;16(1):126. PMID: PMC5043521.

15. **Quanbeck A**, Brown RT, Zgierska A, Johnson RA, Robinson JM, Jacobson N. Systems consultation: protocol for a novel implementation strategy designed to promote evidence-based practice in primary care. *Health Research Policy and Systems*. 2016;14:8. PMID: PMC4729135.
16. Johnson K, **Quanbeck A**, Maus A, Gustafson DH, Dearing JW. Influence networks among substance abuse treatment clinics: implications for the dissemination of innovations. *Translational Behavioral Medicine*. 2015; 5(3):260-268. PMID: PMC4537466.
17. Gustafson DH, Sr., McTavish F, Gustafson DH, Jr., Mahoney JE, Johnson RA, Lee JD, **Quanbeck A**, Atwood AK, Isham A, Veeramani R et al. The effect of an information and communication technology (ICT) on older adults' quality of life: study protocol for a randomized control trial. *Trials*. 2015;16:191. PMID: PMC4417513.
18. Molfenter T, Sherbeck C, Zehner M, **Quanbeck A**, McCarty D, Kim, J-S, Starr S. Implementing buprenorphine in addiction treatment: payer and provider perspectives in Ohio. *Substance Abuse Treatment, Prevention, and Policy*. 2015;10:13. PMID: PMC4395880.
19. Grazier KL, **Quanbeck AR**, Oruongo J, Robinson J, Ford JH, 2nd, McCarty D, Pulvermacher A, Johnson RA, Gustafson DH. What influences participation in QI? A randomized trial of addiction treatment organizations. *Journal of Healthcare Quality*. 2015;37(6):342-353. PMID: PMC4130907.
20. **Quanbeck AR**, Gustafson DH, Marsch LA, McTavish F, Brown RT, Mares ML, Johnson R, Glass JE, Atwood AK, McDowell H. Integrating addiction treatment into primary care using mobile health technology: protocol for an implementation research study. *Implementation Science*. 2014;9:65. PMID: PMC4072605.
21. **Quanbeck A**, Chih M-Y, Isham A, Johnson R, Gustafson D. Mobile delivery of treatment for alcohol use disorders: a review of the literature. *Alcohol Research*. 2014;36(1):111-122. PMID: PMC4432850.
22. Molfenter T, Kim JS, **Quanbeck A**, Patel-Porter T, Starr S, McCarty D. Testing use of payers to facilitate evidence-based practice adoption: protocol for a cluster-randomized trial. *Implementation Science*. 2013;8:50. PMID: PMC3666944.
23. Gustafson DH, **Quanbeck AR**, Robinson JM, Ford JH, 2nd, Pulvermacher A, French MT, McConnell KJ, Batalden PB, Hoffman KA, McCarty D. Which elements of improvement collaboratives are most effective? A cluster-randomized trial. *Addiction*. 2013;108(6):1145-1157. PMID: PMC3651751.
24. **Quanbeck A**, Wheelock A, Ford JH, 2nd, Pulvermacher A, Capoccia V, Gustafson D. Examining access to addiction treatment: scheduling processes and barriers. *Journal of Substance Abuse Treatment*. 2013;44(3):343-348. PMID: PMC3616751.
25. Hoffman KA, **Quanbeck A**, Ford JH, 2nd, Wrede F, Wright D, Lambert-Wacey D, Chvojka P, Hanchett A, McCarty D. Improving substance abuse data systems to measure 'waiting

time to treatment': lessons learned from a quality improvement initiative. *Health Informatics Journal*. 2011;17(4):256-265. PMID: PMC3616751

26. **Quanbeck AR**, Madden L, Edmundson E, Ford JH, 2nd, McConnell KJ, McCarty D, Gustafson DH. A business case for quality improvement in addiction treatment: evidence from the NIATx collaborative. *Journal of Behavioral Health Services and Research*. 2012;39(1):91-100. PMID: PMC3488450.
27. **Quanbeck AR**, Gustafson DH, Ford JH, 2nd, Pulvermacher A, French MT, McConnell KJ, McCarty D. Disseminating quality improvement: study protocol for a large cluster-randomized trial. *Implementation Science*. 2011;6:44. PMID: PMC3108336.
28. **Quanbeck A**, Lang K, Enami K, Brown RL. A cost-benefit analysis of Wisconsin's screening, brief intervention, and referral to treatment program: adding the employer's perspective. *WMJ*. 2010;109(1):9-14. PMID: PMC2957302.
29. **Quanbeck A**. Managing your way to better addiction treatment outcomes. *Behavioral Healthcare*. 2009;29(9):34-35. PMID: 19911603
30. McConnell KJ, Hoffman KA, **Quanbeck A**, McCarty D. Management practices in substance abuse treatment programs. *Journal of Substance Abuse Treatment*. 2009;37(1):79-89. PMID: PMC2755538.

Book Chapters

Alagoz E, Johnson KA, **Quanbeck A**, Gustafson D. "Addiction in the older patient." In Sullivan & Levin (eds.) *Technology-based Interventions for Late-Life Addiction*. London: Oxford University Press. 2016.

INVITED RESEARCH PRESENTATIONS

1. **Quanbeck, A.** *Prevention and Treatment of Substance Use Disorders in Primary Care*. Department of Family Medicine and Community Health Research Fellows' Seminar. Madison, WI. March 7, 2019.
2. **Quanbeck, A.** *D&I funding for health equity research*. University of Wisconsin Dissemination and Implementation Research Meeting. Madison, WI. November 1, 2018.
3. **Quanbeck A.** *Preventing and treating substance misuse in primary care through implementation science and engineering*. Population Health Sciences Monday Seminar Series, Madison, WI. October 1, 2018.
4. **Quanbeck A.** *Implementing clinical guidelines for opioid prescribing in primary care settings and beyond*. Wisconsin Rural Health Conference, Elkhart Lake, WI. June 28, 2018.
5. **Quanbeck A.** *The use of sequential, multiple assignment randomized trials (SMARTs) in implementation research*. AQORN (Access, Quality, and Outcomes Research Network) presentation, Health Innovation Program seminar, Madison, WI. June 22, 2018.

6. **Quanbeck A.** *The problem of implementation in healthcare organizations: an engineering perspective.* AQORN (Access, Quality, and Outcomes Research Network) presentation, Health Innovation Program seminar, Madison, WI. April 19, 2017.
7. **Quanbeck A.** *Study designs for D&I research.* University of Wisconsin Dissemination and Implementation Research Meeting, Madison, WI. October 12, 2017.
8. **Quanbeck A.** *Implementation Strategies: Converting Theory into Action.* University of Wisconsin Dissemination and Implementation Research Meeting, Madison, WI. October 7, 2016.
9. **Quanbeck A.** *Conceptualizing the problem of implementation: an engineering perspective.* [Visiting scholar presentation] Washington University Network for Dissemination and Implementation Research (WUNDIR), St. Louis, MO. February 1, 2016.
10. **Quanbeck A.** *Delivery Science Summit Pre-Conference Workshop on Implementation Science.* [Conference faculty presentation] Mayo Clinic Conference on the Science of Service Delivery, Rochester, MN. September 16, 2015.
11. **Quanbeck A.** *Systems improvement through organizational coaching.* University of Wisconsin – Madison Department of Industrial & Systems Engineering Symposium Series, Madison, WI. December 4, 2014.

COMPETITIVE PRESENTATIONS

1. **Quanbeck A.** *Implementing a mobile health system to integrate the treatment of addiction into primary care: Cost, penetration, and sustainability.* [oral presentation] AcademyHealth/NIH 11th Annual Conference on the Science of Dissemination and Implementation, Washington, D.C. December 4, 2018.
2. **Quanbeck A.** *Examining the comparative effectiveness of different implementation strategies.* [Symposium chair] Academy Health/NIH 11th Annual Conference on the Science of Dissemination and Implementation, Washington, D.C. December 3, 2018.
3. **Quanbeck A** and Brown R. *Implementing a mobile health system to integrate the treatment of addiction into primary care.* [oral presentation] 2018 North American Primary Care Research Group, Chicago. November 13, 2018.
4. **Quanbeck A.** *Implementing a mobile health system to integrate the treatment of addiction into primary care: A hybrid implementation-effectiveness study.* [oral presentation]. Addiction Health Services Research Conference, Savannah, GA. October 18, 2018.
5. **Quanbeck, A.** *Designs for Dissemination & Implementation Research.* [oral presentation] American Urogynecologic Society Annual Research Meeting. Chicago, IL. October 9, 2018.
6. **Quanbeck A.** *Implementing a mobile health system to integrate the treatment of addiction into primary care.* [oral presentation] Annual Research Meeting, Academy Health, Seattle, WA. June 25, 2018.

7. **Quanbeck A.** *Systems consultation: A novel implementation strategy for adopting clinical guidelines for opioid prescribing in primary care.* [oral presentation] Nordic Implementation Conference, Copenhagen, Denmark. May 28, 2018.
8. **Quanbeck A,** Gustafson D, Gwin-Mitchell S, Satterfield J, Wiley T. *The use of technology and engineering principles in implementation research.* [Symposium; chair] AcademyHealth/NIH 10th Annual Conference on the Science of Dissemination and Implementation, Washington DC. December 6, 2017.
9. **Quanbeck A,** Bauer M, Gallo C, Chung A, Diana A. *Challenges and opportunities associated with implementation of remote health technologies.* [Symposium; chair] AcademyHealth/NIH 10th Annual Conference on the Science of Dissemination and Implementation, Washington DC. December 4, 2017.
10. **Quanbeck A,** Powell B, Chinman M. *Introduction to implementation science.* [presentation] Society for Medical Decision Making, Pittsburgh, PA. October 21, 2017.
11. **Quanbeck A,** Garner B, Deyo B, Madden L, Molfenter T, Aarons, G. *Implementation research in addiction health services.* [Symposium; chair] Addiction Health Services Research Conference, Madison, WI. October 19, 2017.
12. **Quanbeck A.** *Promoting the adoption of clinical guidelines for opioid prescribing in primary care.* [oral presentation] Society for Implementation Research Collaboration, Seattle, WA. September 9, 2017.
13. **Quanbeck A.** *Systems consultation: a novel implementation strategy for the adoption of clinical guidelines in primary care.* [oral presentation] Annual Research Meeting, Academy Health, New Orleans, LA. June 16, 2017.
14. **Quanbeck A & Brown R.** *A comprehensive primary care/systems engineering partnership model aimed at mitigating the prescription opioid epidemic.* [oral presentation] The National Collaborative for Improving Primary Care Through Industrial and Systems Engineering, Madison, WI. April 25, 2016.
15. **Quanbeck A.** *Implementing an mHealth technology for addiction treatment in primary care: an engineering perspective.* [oral presentation] Annual Research Meeting, Academy Health/NIH 8th Annual Conference on the Science of Dissemination and Implementation, Washington, DC. December 14, 2015.
16. **Quanbeck A,** Molfenter T, Brown R, Mares ML, Glass J. *Innovative implementation strategies in addiction health services research.* [symposium; chair] Addiction Health Services Research Conference, Los Angeles, CA. October 16, 2015.
17. **Quanbeck A.** *Best practices for implementation of mHealth technologies.* [Panel discussant] mHealth Summit, Washington DC. December 10, 2014.
18. **Quanbeck A.** *Return on investment for mHealth.* [Panel discussant] mHealth Summit, Washington DC. December 8, 2014.

19. **Quanbeck A**, Brown R, Glass J, Molfenter T. *Using technology to promote the integration of care*. [oral presentation] Addiction Health Services Research Conference, Boston, MA. October 17, 2014.
20. **Quanbeck A**, McTavish F, Molfenter T, Brown R. *Evidence-based practices and innovative technologies in addiction treatment: implementation strategies*. [symposium; chair] Addiction Health Services Research Conference, Portland, OR. October 24, 2013.

EDUCATIONAL ACTIVITIES AND PRESENTATIONS

UW-Madison Graduate School Course

Fall 2018, Population Health 709, Translational and Outcomes Research in Health and Health Care. 3 credits; Fall 2017; ~ 8-10 students/class; co-taught with Maureen Smith. This course reviews the basic concepts and methods of translational and outcomes research in healthcare settings. It demonstrates the diverse perspectives that can be used to inform such research as it relates to current issues in health and different healthcare settings.

Research Mentoring

The goal of my mentoring as one of three faculty members in dissemination and implementation at the UW’s Institute for Clinical and Translational Research is helping other researchers effectively learn about and plan for the dissemination and implementation of their research projects.

2019	Kim Whitmore, PhD, RN UW School of Nursing Repeat consultation	Consult on study design and grant preparation for Project REACH (Redesigning for Active Learning in High-Enrollment Courses)
2019	Danielle McCarthy, PhD UW SMPH	Consult for evaluation of reach, implementation, and maintenance of Wisconsin Tobacco Quit Line eReferral
2019	Tudor Borza, MD, MS UW SMPH	Follow-up consult on career mentoring and project idea for <i>Opioid Prescribing Patterns in Surgery</i>
2019	Michael Replinger, MD, PhD UW SMPH	Follow-up consult on study design and grant preparation
2018	Lauren Papp, PhD UW School of Ecology	Consult on study design and available data for a grant proposal
2018	Michael Replinger, MD, PhD UW SPMH	Consult on study design and grant preparation
2018	Betty Chewning, PhD UW School of Pharmacy	Consult on study design and grant preparation
2018	Laurel Legenza, PharmD UW School of Pharmacy	Consult on study design and grant preparation for <i>AMR Tracker: Mapping Antimicrobial Resistance for Improved Antibiotic Use</i>
2018	Kim Whitmore, PhD, RN UW School of Nursing	Consult on a project idea for <i>Culturally Appropriate Respite Care for Families of Children with Special Healthcare Needs</i>
2018	David Hahn, MD UW SMPH	Consult for the Wisconsin Research and Education Network

2018	Paul Moberg, PhD UW SMPH	Consult for the Evaluation Research Group
2018	Emily Warne UW Law School	Consult for the Health Experiences Research Network
2018	Betty Kaiser, PhD, RN UW School of Nursing	Consult for the Wisconsin Network for Research Support
2018	Ana Progovac Cambridge Health Alliance	Consult on career mentoring, project idea, study design for <i>A Three-Phase Mixed-Methods Implementation Study of a real-world Behavioral Health Home (BHH)</i>
2018	Simon Goldberg, PhD Department of Counseling Psychology	Consult on career mentoring, project idea, study design for <i>Manipulating Mindfulness Practice Dosage and Schedule</i>
2018	Megan Berube, MD UW SMPH	Consult on career mentoring, project idea, study design for <i>Establishing a Neonatal Neurology Network in Wisconsin</i>
2018	Andrea Pappalardo, MD University of Illinois Health	Consult on career mentoring, project idea, study design for <i>School-based Asthma Management in Chicago Public Schools: Expanding the Role of Community Health Workers</i>
2018	Stephanie Budge, PhD Department of Counseling Psychology	Consult on career mentoring, project idea, study design for <i>Longitudinal Effects of Psychotherapy with Transgender Clients: A Randomized Controlled Pilot Trial</i>
2018	Emily Kroska, PhD UW Department of Psychiatry	Consult on career mentoring, project idea, study design for <i>Educating Medical Providers about the Importance of Childhood Trauma in Maternal and Child Outcomes</i>
2018	Carmen Valdez, PhD UW Department of Counseling Psychology	Consult on career mentoring, project idea, study design for <i>Fortalezas Familiares for Schools and Their Mental Health Clinic Partners</i>
2018	Yao Liu, MD UW SMPH	Consult on career mentoring, project idea, study design for <i>Advancing Teleophthalmology for Diabetic Retinopathy Screening in Rural Multi-payer Primary Care Clinics</i>
2018	Tudor Borza, MD UW SMPH	Consult on career mentoring and project idea for <i>Opioid Prescribing Patterns in Surgery</i>
2018	Anne Eglash, MD UW SMPH	Consult on study design and project idea for <i>All About Breastfeeding Care (ABC) Study</i>
2018	Nasia Safdar, MD, PhD UWSMPH	Consult on implementation frameworks for <i>Injection Safety</i>
2018	Beth Olson, PhD UW Nutritional Sciences	Consult on preparing a grant for the Robert Wood Johnson Foundation entitled <i>BEST Study: Breastfeeding and Employment</i>
2018	Apoorva Reddy, Michelle Chui, UW School of Pharmacy	Consult on grant preparation, study design, and dissemination and implementation plan for <i>Impact of Health Literacy on Older Adult Misuse of Over-the-Counter Medications</i>
2018	Nicole Brys, MPH UW SMPH	Consult on injection safety program
2018	Beth Olson, PhD UW College of Agricultural and Life Sciences	Consult on community-based nutrition program for breastfeeding women

2018	Jon Temte, MD, PhD, UWSMPH	Consult on preparing a grant to disseminate RAPID (Real-time Access to Point-of-care Influenza Diagnostics)
2018	Marjory Givens, PhD, UW Population Health Institute	Consult on preparing a grant for the dissemination and implementation of health equity tools as part of Project MATCH (Mobilizing Action Toward Community Health).
2018	Larissa Duncan, PhD, UW School of Human Ecology	Consult on the dissemination and implementation of a mindfulness-enhanced, evidence-based program to strengthen family relationships and prevent adolescent substance use in Wisconsin.
2018	Heidi Brown, MD, UW SMPH	Consult on study design and grant preparation of <i>Mind Over Matter: Healthy Bowels, Healthy Bladder</i> .
2018	Tonya Roberts, PhD, Elizabeth Cox, MD, PhD, and Harold Kilems UWSMPH and School of Nursing	Consult on grant preparation, study design, and dissemination and implementation plan for an intervention to enhance family engagement in skilled nursing facilities.
2018	Allison Redpath Mahon, MD, UWSMPH	Consult on study design and grant preparation for disseminating evidence-based peritonitis prevention practices through a mentoring program for pediatric peritoneal dialysis patients and family members.
2017	Edward Portillo, PharmD, UW School of Pharmacy	Consult to help identify the core components of the implementation and implementation package, data collection instruments, and evaluation design and process for COPD CARE (Chronic Obstructive Pulmonary Disease Coordinated Access to Reduce Exacerbations).
2017	Daniel Olszewski, MBA, UW School of Business	Help connect with collaborators for outreach development for Launchpad Activity.
2017	Aaron Leppin, MD, Mayo Clinic	Explore the potential for collaboration between UW and Mayo Clinic
2017	Jonathan Kohler, MD, UWSMPH	Consult on implementation and study design to reduce unnecessary umbilical hernia repairs in Wisconsin children.
2017	Kristen Pickett, PhD, UW Dept. of Kinesiology, School of Education	Consult on proposal development, study design, and dissemination and implementation planning for an exercise program for people with Parkinson’s disease.
2017	Aurora Pop-Vicas, MD, UWSMPH	Consult on study design and grant preparation related to a K award.
2017	Abra Vigna, PhD, UW School of Human Ecology	Consult on the dissemination and implementation planning and grant preparation for health equity tools as part of Project MATCH (Mobilizing Action Toward Community Health)

Other Teaching Activities

2012–2013 Guest lecturer, Introduction to Health Systems Engineering. I have lectured on healthcare quality improvement for UW Industrial & Systems Engineering undergraduate and graduate students.

- 2009–2011 Faculty presenter, NIATx (Network for the Improvement of Addiction Treatment) Business Case Seminar. I developed the curriculum for a 6-month workshop that teaches addiction treatment professionals how to improve financial performance and served as the workshop's lead faculty member for 3 administrations of the workshop.
- 2007-2011 Quality coach, Network for the Improvement of Addiction Treatment. I taught quality improvement to healthcare professionals on a one-on-one basis. They came from 15 organizations across the United States. I also facilitated 18 learning sessions that brought together clinicians from multiple organizations to work towards common quality improvement goals.

SERVICE ACTIVITIES

University of Wisconsin

2012-2013 Academic staff mentor, University of Wisconsin

Community

Board member, Parents' Advisory Group, Madison (WI) Metropolitan School District
 Youth sports coach, Madison, WI, YMCA.
 Dane County Opioids Taskforce member.

National and international

- 2018 Conference reviewer, Academy Health/NIH 11th Annual Conference on the Science of Dissemination and Implementation, Washington, D.C.
- 2017 Conference co-host, Addiction Health Services and Research, Madison, WI.
- 2015 Conference planning committee, Addiction Health Services and Research, Los Angeles, CA.

OTHER TRAINING

- 2018 Fellow, Implementation Research Institute, Washington University, St. Louis, Missouri. This two-year fellowship places me in a learning collaborative with leading implementation science researchers. I meet with others for one week each year (2018, 2019) and communicate during the intervening time, all with the goal of developing a successful research proposal.

SCIENTIFIC REVIEW

NIH Grant Review

- 2019 Dissemination and Implementation Research in Health Study Section
- 2018 Multi-Site Studies for System-Level Implementation of Substance Use Prevention and Treatment Services (R01)
- 2017 Dissemination and Implementation Research in Health Study Section
- 2017 National Institute of Diabetes and Digestive and Kidney Diseases Review Panel, "Mentored Research Scientist Career Award" (K01)
- 2016 National Institute of Diabetes and Digestive and Kidney Diseases Review Panel, "Urinary Stone Disease Research Network Applications (U01)

Other Grant Review

2015 Veteran's Administration Health Services Research and Development Service
 Scientific Merit Review Board, HSR8: Learning Healthcare System Initiative
 Centers

RWJF Opioids grant review

Ad Hoc Reviewer – Journals

Addiction

Administration and Policy in Mental Health and Mental Health Services Research

Drug and Alcohol Dependence

Health Policy

Health Services Research

Healthcare Management Review

Implementation Science

JMIR Research Protocols

Journal of Behavioral Health Services and Research

Journal of Substance Abuse Treatment

Social Science & Medicine

Wisconsin Medical Journal

Ad Hoc Reviewer – Scientific Meetings

NIH/AcademyHealth Dissemination & Implementation conference

Training Institute on Dissemination and Implementation Research in Health (TIDIRH)

American Public Health Association

Academy of Management

Addiction Health Services and Research